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Attachment to Z-15902/82

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NPIC/IEG (10/82)

1 OCTOBER 1982

SONDA IV ROCKET/MOCKUP  
 SAO JOSE DOS CAMPOS INST TECH AERO, BRAZIL

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1. (SWN) SIGNIFICANCE: A SONDA IV ROCKET/MOCKUP HAS BEEN IDENTIFIED FOR THE FIRST TIME IN BRAZIL ON IMAGERY [REDACTED]  
[REDACTED]
2. (SWN) REMARKS: A SONDA IV ROCKET/MOCKUP, [REDACTED] WAS IDENTIFIED IN THE PILOT SOLID PROPELLANT PLANT AREA AT THE SAO JOSE DOS CAMPOS INST TECH AERO. THE SONDA IV IS THE FIRST GUIDED ROCKET DEVELOPED AND PRODUCED SOLELY BY BRAZIL. IT IS A FOLLOW-ON TO THE SONDA III ROCKET SYSTEM AND HAS A GREATER LIFT CAPABILITY. AN OBJECT RESEMBLING A ROCKET/MOCKUP ON A TRANSPORTER HAD BEEN OBSERVED IN THIS AREA SIX TIMES SINCE [REDACTED] A POSSIBLE PARTIALLY ASSEMBLED ROCKET/MOCKUP WAS OBSERVED IN THE PILOT SOLID PROPELLANT PLANT AREA ON [REDACTED] THE LACK OF SECURITY AND THE FACT THAT ROCKETS ARE NOT NORMALLY STORED IN THE OPEN SUGGESTS THAT IT IS PROBABLY A MOCKUP.

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(U) THE SAO JOSE DOS CAMPOS AEROSPACE CENTER, 50 NM NORTHEAST OF SAO PAULO, IS A BRAZILIAN AIR FORCE-SPONSORED UNIVERSITY AND RESEARCH CENTER RESPONSIBLE FOR MILITARY AND CIVILIAN AEROSPACE RESEARCH AND DEVELOPMENT.

(SWN) ANALYST COMMENTS -- THE SONDA IV IS BEING USED BY BRAZIL TO DEVELOP GUIDANCE TECHNOLOGY AND INCREASED RANGE WITH A HEAVIER PAYLOAD. IT REPORTEDLY WILL BE CAPABLE OF CARRYING A 300-KILOGRAM PAYLOAD TO AN ALTITUDE OF 1,000 KM, COMPARED TO THE SONDA III WHICH CARRIES A 50-KILOGRAM PAYLOAD TO AN ALTITUDE OF 500 KM. A NEW LAUNCHER AND PAD, PROBABLY FOR THE SONDA IV, WERE CONSTRUCTED AT THE BARREIRA DO INFERNO ROCKET RANGE [REDACTED] BETWEEN [REDACTED] AND [REDACTED] THE FIRST LAUNCH OF THE SONDA IV IS CURRENTLY SCHEDULED FOR LATE 1982 OR EARLY 1983. [REDACTED]

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3. (S) [REDACTED] COORDINATES 23-13-06S 045-52-21W
4. (U) COLLATERAL REFERENCE: JORNAL DO BRASIL 20 JULY 1981

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 Intelligence Sources  
 and Methods Involved

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